

Koch, Kristine

From: Koch, Kristine
Sent: Monday, January 25, 2016 10:55 AM
To: 'Gene Revelas'
Cc: 'Wyatt, Robert'; Patty Dost (pdost@pearllegalgroup.com); Jen Mott; Allen, Elizabeth (allen.elizabeth@epa.gov)
Subject: RE: Final RI Revisions

Gene – See additional modifications to your suggested text revisions in blue, below. The remaining red text that is not stricken is acceptable.

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From: Gene Revelas [mailto:grevelas@integral-corp.com]
Sent: Friday, January 22, 2016 2:06 PM
To: Koch, Kristine <Koch.Kristine@epa.gov>
Cc: 'Wyatt, Robert' <rjw@nwnatural.com>; Patty Dost (pdost@pearllegalgroup.com) <pdost@pearllegalgroup.com>; Jen Mott <jmott@anchorqea.com>
Subject: Final RI Revisions

Hi Kristine –

There are two EPA edits in the Final RI that we would like to revise for accuracy.

1. Section 3: page 3-74. EPA added “pencil pitch” where shown in strike out below implying that it was a current commodity handled by the Port. The Port (Kelly Madalinski) has pointed out that pencil pitch was handled at Terminal 4 from 1978 to 1998 only by Jones Oregon Stevedoring and Hall-Bull Marine. So we suggest pencil pitch be moved in the paragraph as indicated.

The Port of Portland facilities have had a prominent presence in the maritime commodities shipping industry in Portland Harbor since 1891. Over the years, export/import of agricultural products, dry/liquid bulk products (e.g., pencil pitch), forest products, and other bulk commodities have passed through Port facilities (Terminals 1, 2, 4, and 5). Currently, the Port operates two deep-water marine terminals, Terminals 4 and 5, within the study area that handle thousands of tons of cargo each week. Major exports handled at Terminals 2 and 4 (Map 3.2-20) include pencil pitch, wheat, soda ash, potash, and compressed hay. The Port’s operations in Portland Harbor constitute the third-largest export center for grain in the world and the largest wheat export port in the United States (Williams 2007). Major imports include automobiles, steel, and limestone.

2. Section 10: page 10-3: EPA added some specific numbers to the following statement, but we get different sample counts for the winter retrieval (Q1) and fall retrieval (Q4). For your convenience the cited Table 5.3-1 is inserted below. We propose the following edit:

Sediment accumulation data from the sediment traps provides information on the mobile sediment loads at the site. Table 5.3-1 presents data showing that sediment accumulation rates in sediment traps placed throughout the site in 2006~~7~~ and 2009 range from less than 1 cm to approximately 69 cm per quarter. ~~Most Twelve Of the 16 traps deployed in the fall of 2006, all 13 retrieved in the winter of 2007 and 11 of the 16 retrieved in the fall of 2007 and all eight of the 16 traps deployed in the winter~~ had accumulations exceeding 5 cm ~~per quarter in the quarter the trap was deployed.~~

Table 5.3-1. Average Heights of Sediment Collected in Sediment Traps Deployed in Willamette River (2007 & 2009).

Location	River Mile ^a (East or West Side)	Initial Deployment Date	Date Sampled Q1	Average Sediment Height (cm)	Date Sampled Q2	Average Sediment Height (cm)	Date Sampled Q3
LWG Sediment Traps							
ST001	1.9E	10/31/2006	1/30/2007	7	5/1/2007	2.4 ^b	8/16/2007
ST002	1.8W	10/31/2006	1/30/2007	14.6	5/1/2007	5.1	8/16/2007
ST003	2.9 (Multnomah Channel)	10/31/2006	2/1/2007	17.1	5/1/2007	4.6	8/16/2007
ST004	6.0E	11/1/2006	1/30/2007	11.6	4/30/2007	4.2	8/8/2007
ST005	6.0W	10/31/2006	1/30/2007	27.7	4/30/2007	10.2	8/8/2007
ST006	9.0 (Swan Island Lagoon)	11/1/2006	sampler not found	---	5/1/2007	< 1 ^b	8/16/2007
ST007	11.3E	11/2/2006	1/31/2007	37.4	4/30/2007	10	8/17/2007
ST008	11.5W	11/1/2006	1/31/2007	69.1	4/30/2007	16	8/17/2007
ST009	15.7E	11/2/2006	2/2/2007	6.3	4/30/2007	10.7	8/17/2007
ST010	15.6W	11/2/2006	2/2/2007	52.3	4/30/2007	9.7	8/17/2007
ST011	3.5E	10/31/2006	2/1/2007	8.8	5/2/2007	3.4	8/16/2007
ST012	4.5W	10/31/2006	2/1/2007	23.9	5/2/2007	6.8	8/16/2007
ST013	6.7E	11/1/2006	2/1/2007	8.2	4/30/2007	1.6 ^b	8/16/2007
ST014	7.5W	10/30/2006	sampler not found	---	sampler not found	---	8/16/2007
ST015	9.7W	10/30/2006	1/31/2007	20	5/1/2007	3.9	8/17/2007
ST016	9.9E	11/1/2006	sampler not found	---	5/1/2007	7	8/17/2007
City of Portland RM 11E Sediment Traps							
ST001	11 E	6/25/2009	---	---	---	---	9/21/2009
ST002	11.2 E	6/25/2009	---	---	---	---	9/21/2009
ST003	11.3 E	6/25/2009	---	---	---	---	9/21/2009
ST004	11.5 E	6/25/2009	---	---	---	---	9/21/2009
ST005	11.7 E	6/25/2009	---	---	---	---	9/21/2009
ST006	11.8 E	6/25/2009	---	---	---	---	9/22/2009
ST007	12.1 E	6/25/2009	---	---	---	---	9/22/2009

Notes:

^a Based on site characterization and risk assessment (SCRA) data.

^b Samples not collected; re-deployed with existing sediment.

Please let us know if you agree with these changes.

Thanks,

Gene

Gene Revelas | Senior Managing Scientist

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